

Receipt date: 10/29/2008

Form PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTORNEY DOCKET NO.  
58269.830007.US0SERIAL NO.  
10/572,593

## APPLICANT

Robert James Kelly

## FILING DATE

August 14, 2007

## GROUP

1796

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
		5460967	10-24-1995	Fink
		3567363	03-02-1971	Wolfram
		4895722	01-23-1990	Abe, et al.
		2002/0035046	03-21-2002	Lukenbach, et al.
		5932552	08-03-1999	Blanchard, et al.
		5830481	11-03-1998	Cauwet-Martin, et al.
		6039962	03-21-2000	Cauwet-Martin, et al.
		3619116	11-09-1971	Saville
		6846940	01-25-2005	Gaetani, et al.

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	DOCUMENT NUMBER	DATE	NAME	TRANSLATION YES      NO
	JP 53-119900	10-19-1978	Agency of Ind. Science & Technol	
	JP 06-100600	04-12-1994	Seiwa Kasei:KK Yamauchi Kiyoshi	
	JP 63-301809	12-08-1988	Kao Corp.	
	JP 03-294297	12-25-1991	Seiwa Kasei:KK	
	JP 05-222100	08-31-1993	San Orient Kagaku KK	

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		6514744	02-04-2003	Murata, et al.
		6312674	11-06-2001	Maubru, et al.
		6544548	04-08-2003	Siller-Jackson
		4135942	01-23-1979	Kikkawa
		2003/0035820	02-20-2003	Timmons, et al.
		2006/0165635	07-27-2006	Kelly, et al.
		2006/0205652	09-14-2006	Zamora, et al.
		6203574	03-20-2001	Kawamura

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		JP 03-007596	01-14-1991	Seiwa Kasei:KK	
		EP 0 628 573 A1	12-14-1994	Kao Corporation	
		WO 2000/023039	04-27-2000	Ensley	
		WO 1998/51265	11-19-1998	L'Oreal	

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		4407793	10-04-1983	Akimora, et al.
		4969880	11-13-1990	Zamierowski
		2002/0013408	01-31-2002	Rhee
		2001/018614	08-30-2001	Bianchi
		2002/0183858	12-05-2002	Contiliano, et al.
		5972385	10-26-1999	Liu, et al.
		5358935	10-25-1994	Smith, et al.
		6432435	08-13-2002	Timmons, et al.

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		DOCUMENT NUMBER	DATE	NAME	TRANSLATION YES      NO
		EP 1 201 736 B1	04-27-2005	Consejo Superior de Investigacion <sup>es</sup>	

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		2003/039676	02-27-2003	Boyce, et al.
		6110487	08-29-2000	Timmons, et al.
		6159495	12-12-2000	Timmons, et al.
		6124265	06-26-2000	Timmons, et al.
		5763583	06-09-1998	Arai, et al.
		4904602	02-27-1990	Pigiet, et al.
		5154916	10-13-1992	Arraudeau, et al.
		4172073	10-23-1979	Kadri, et al.

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		JP 06-220713	08-09-1994	Toray Ind. Inc	
		JP 05-320358	12-03-1993	Ajinomoto Takara Corp:KK	
		CN 1403643	03-19-2003	Fuku	
		WO 1992/002238	02-20-1992	Bass	

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		WO 2000/41739	07-20-2000	University of Utah Research Found.	
		WO 1999/26570	06-03-1999	Keraplast Technologies, Inc.	
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	JP 06 192433	12-07-1994	Kyoeisha Chem. Co.	
	WO 03/011894	02-13-2002	Keratec, Limited	
	WO 03/018673	03-06-2003	Keratec, Limited	

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	MACLAREN, JOHN A., et al., "Wool Science The Chemical Reactivity of the Wool Fibre", pp. 12-14, 1981.
	HUNTER, EMMA A.L., et al., "Cysteine and Methionin Supplementation Modulate the Effect of Tumor Necrosis Factor $\alpha$ on Protein Synthesis, Glutathione and Zinc Concentration of Liver and Lung in Rats Fed a Low Protein Diet", American Institute of Nutrition, vol. 124, no. 12, pp. 2319-2328, 1994.
	HOMANDBERG, G.A., et al., "Fibronectin Fragment Mediated Cartilage Chondrolysis. I. Suppression by Anti-Oxidants", Biochimica et Biophysica Acta, vol. 1317, pp. 134-142, 1996.

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	PARCELL, STEPHEN, "Sulphur in Human Nutrition and Applications in Medicine", Alternative Medicine Review, vol. 7, no. 1, pp. 22-44, 2002.
	ZAFARULLAH, M., et al., "Molecular Mechanisms of N-Acetylcysteine Actions", Cellular and Molecular Life Sciences, vol. 60, no. 1, pp. 6-20, 2003.
	HUMMEL, KLAUS M., et al., "Cysteine Proteinase Cathepsin K mRNA Is Expressed in Synovium of Patients with Rheumatoid Arthritis and Is Detected at Sites of Synovial Bone Destruction", Journal of Rheumatology, vol. 25, no. 10, pp. 1887-1984, 1998.

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	<p>BRADLEY, HELEN, et al., "Sulfate Metabolism is Abnormal in Patients with Rheumatoid Arthritis", <i>Journal of Rheumatology</i>, vol. 21, no. 7, pp. 1192-1196, 1994.</p> <hr/> <p>~</p>
	<p>WILKINSON, L.J., et al., "Cysteine Dioxygenase: Modulation of Expression in Human Cell Lines by Cytokines and Control of Sulphate Production", <i>Toxicology in Vitro</i>, vol. 16, pp. 481-483, 2002.</p>

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	TAPPAZ, M.L., "Taurine Biosynthetic Enzymes and Taurine Transporter: Molecular Identification and Regulations", <i>Neurochemical Research</i> , vol. 29, no. 1, pp. 83-96, January 2004.
	KONTNY, E., et al., "Impaired Generation of Taurine Chloramine by Synovial Fluid Neutrophils of Rheumatoid Arthritis Patients", <i>Amino Acids</i> , vol. 24, no. 4, pp. 415-418, 2002.
	ROUGHLEY, PETER J., et al., "Cartilage Proteoglycans: Structure and Potential Functions", <i>Microscopy Research and Technique</i> , vol. 28, no. 5, pp. 385-397, 1994.

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	<p>ROSSI, ANTONIO, et al., "In Vitro Proteoglycan Sulfation Derived from Sulfhydryl Compounds in Sulfate Transporter Chondrodysplasias", <i>Pediatric Pathology and Molecular Medicine</i>, vol. 22, no. 4, pp. 311-321, 2003.</p>
	<p>KUSCHE-GULLBERG, MARION, et al., "Sulfotransferases in Glycosaminoglycan Biosynthesis", <i>Current Opinion in Structural Biology</i>, vol. 13, pp. 605-611, 2003.</p>
	<p>RATH, VIRGINIA L., "Sulfotransferase Structural Biology and Inhibitor Discovery", <i>Drug Discovery Today</i>, vol. 9, no. 23, pp. 1003-1011, December 2004.</p>

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	VENKATACHALAM, K.V., "Human 3'-phosphoadenosine 5'-phosphosulfate (PAPS) Synthase: Biochemistry, Molecular Biology and Genetic Deficiency", IUBMB Life, vol. 55, pp. 1-11, 2003.
	HEYLAND, DAREN K., et al., "Antioxidant Nutrients: A Systematic Review of Trace Elements and Vitamins in the Critically Ill Patient", Intensive Care Med., vol. 31, pp. 327-337, 2005.
	ELSAYED, NABIL M., "Antioxidant Mobilization in Response to Oxidative Stress: A Dynamic Environmental-Nutritional Interaction", Nutrition, vol. 17, pp. 828-834, 2001.

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	<p>LARGO, R., et al., "Glucosamine Inhibits IL-1b-Induced NFkB Activation in Human Osteoarthritic Chondrocytes", <i>OsteoArthritis and Cartilage</i>, vol. 11, pp. 290-298, 2003.</p>
	<p>CHAN, P.S., et al., "Glucosamine and Chondroitin Sulfate Regulate Gene Expression and Synthesis of Nitric Oxide and Prostaglandin E2 in Articular Cartilage Explants", <i>OsteoArthritis and Cartilage</i>, vol. 13, pp. 387-394, 2005.</p>
	<p>RASSIN, D.K., et al., "Nutritional Approaches to Improve Cognitive Development During Infancy: Antioxidant Compounds", <i>Acta Paediatr Suppl.</i>, vol. 442, pp. 34-41, 2003.</p>

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	DEL MARMOL, VERONIQUE, et al., "Cysteine Deprivation Promotes Eumelanogenesis in Human Melanoma Cells", Journal of Investigative Dermatology, vol. 107, no. 5, pp. 698-702, 1996.
	SMIT, NICOLAS P.M., et al., "Melanogenesis in Cultured Melanocytes Can Be Substantially Influenced by L-Tyrosine and L-Cysteine", Journal of Investigative Dermatology, vol. 109, no. 6, pp. 796-800, 1997.

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	KONG, KWANG-HOON, et al., "Expression and Characterization of Human Tyrosinase From a Bacterial Expression System", <i>Comparative Biochemistry and Physiology, Part B</i> , vol. 125, pp. 563-569, 2000.
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	<p>OLNEY, J.W., et al., "Brain Damage in Infant Mice Following Oral Intake of Glutamate, Aspartate or Cysteine", <i>Nature</i>, vol. 227, pp. 609-610, 1970.</p>
	<p>RIISE, G.C., "The Intrabronchial Microbial Flora in Chronic Bronchitis Patients: A Target for N-Acetylcysteine Therapy", <i>European Respiratory Journal</i>, Vol. 7, pp. 94-101, 1994.</p>

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